

CLAIMS

What is claimed is:

1. An azeotrope-like composition comprising effective amounts of HFC-32 and CF₃I.
2. The azeotrope-like composition of claim 1 which consists essentially of from about 67 to less than 100 weight percent HFC-32 and from greater than zero to about 33 weight percent of CF₃I.
3. The azeotrope-like composition of claim 1 which consists essentially of from about 73 to about 99 weight percent HFC-32 and from about 1 to about 27 weight percent of CF₃I.
4. The azeotrope-like composition of claim 1 which consists essentially of from about 85 to about 99 weight percent HFC-32 and from about 1 to about 15 weight percent of CF₃I.
5. The azeotrope-like composition of claim 1 having a boiling point of from about -55°C to about -51°C at a pressure of about 14.51 psia.
6. The azeotrope-like composition of claim 1 having a boiling point of from about -55°C to about -52°C at a pressure of about 14.51 psia.
7. The azeotrope-like composition of claim 1 having a boiling point of from about -54°C to about -53°C at a pressure of about 14.51 psia.
8. The azeotrope-like composition of claim 2 having a boiling point of from about -55°C to about -51°C at a pressure of about 14.51 psia.
9. The composition of claim 1 further comprising an effective stabilizing amount of stabilizer.

10. The composition of claim 9 wherein said stabilizer comprises at least one phenol compound and at least one epoxide selected from the group consisting of aromatic epoxides, alkyl epoxides, alkenyl epoxides, and combinations of two or more thereof.
- 5
11. The composition of claim 1 further comprising a lubricant.
12. The composition of claim 11 wherein said lubricant is selected from the group consisting of mineral oil, alkyl benzenes, polyol esters, polyalkylene glycols, and combinations of two or more thereof
- 10
13. A refrigerant composition comprising an azeotrope-like composition of claim 1.
14. A refrigeration system comprising a refrigerant of claim 13.
- 15
15. A method for cooling an article which comprises condensing a refrigerant composition of claim 13 and thereafter evaporating said refrigerant composition in the vicinity of the article to be cooled.
- 20
16. A method for heating an article which comprises condensing a refrigerant composition of claim 13 in the vicinity of the article to be heated and thereafter evaporating said refrigerant composition.
- 25
17. A blowing agent comprising an azeotrope-like composition of claim 1.
18. A sprayable composition comprising a material to be sprayed and a propellant comprising an azeotrope-like composition of claim 1.
- 30
19. A sprayable composition according to claim 18 wherein the sprayable composition is an aerosol.